



Ministry of
Northern Development
and Mines

Mines and
Minerals
Division

ONTARIO GEOLOGICAL SURVEY

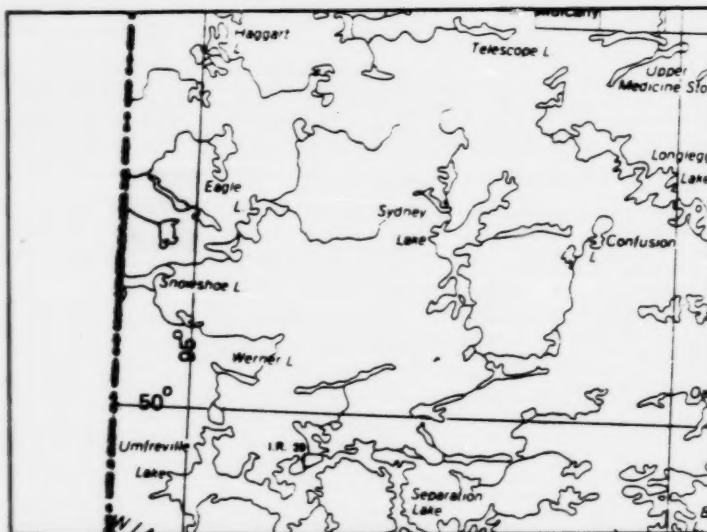
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 391

RICKABY LAKE AREA

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Kenora



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

Rickaby Lake Area

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ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL	CONVERSION FROM IMPERIAL TO SI
<i>SI Unit Multiplied by Gives</i>	<i>Imperial Unit Multiplied by Gives</i>

LENGTH

1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km

AREA

1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha

VOLUME

1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³

CAPACITY

1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L

MASS

1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	897.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 906 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 906 8	t

CONCENTRATION

1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	YES	SR JAN/87
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 volumes	YES	SR JAN/87
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	SR JAN/87
6	ODM Industrial Mineral Reports	NO	SR JAN/87
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	SR JAN/87
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	YES	SR JAN/87
9	Newspaper Clippings File	NO	SR JAN/87
10	GSC Index to Publications		
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	SR JAN/87
12	OGS Index Maps	YES	SR JAN/87
13	Source Mineral Deposit Records (O.G.S./MDIR's (O.G.S.)/NMI's (E.M.R.))	YES	SR JAN/87
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	YES	SR JAN/87
16	ODM Geological Circulars: OGS Study Series	NO	SR JAN/87
17	ODM Preliminary Reports: ODM Bulletins	NO	SR JAN/87
18	ODM - OGS Open File Reports	YES	SR JAN/87
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	SR JAN/87
20	OGS Aggregate Resources Inventory Papers	NO	SR JAN/87
21	OGS Mineral Potential Maps	YES	SR JAN/87
22	Theses on File, Kenora	YES	SR JAN/87
23	Aerial Photos on File, Kenora	YES	SR JAN/87
24	Topographic Maps on File, Kenora		
	OBM Maps (1:20,000)	NO	SR JAN/87
	NTS Maps (1:50,000)	YES	SR JAN/87

METALS AND MINERALS REFERENCES LIST

Δ anh.	Anhydrite	Δ fu.	Fuchsite	▲ Ni.	Nickel	Δ st.	Stone
Δ ank.	Ankerite	▲ gn.	Galena	Δ Nb	Niobium	Δ talc.	Talc
Δ anna.	Annabergite	Δ gt.	Garnet	Δ Pd	Palladium	Δ Te	Tellurium
Δ ap.	Apatite	Δ gos.	Goethite	Δ peat	Peat	Δ td.	Tetrahedrite
Δ arg.	Argentite	▲ Au	Gold	Δ pent	Pentlandite	Δ th.	Thorite
Δ As	Arsenic	Δ gf.	Graphite	Δ Pt.	Platinum	Δ Th	Thorium
▲ ap.	Arsenopyrite	Δ gl.	Gravel	▲ py	Pyrite	Δ thuc.	Thucholite
Δ asb.	Asbestos	Δ gyp.	Gypsum	Δ pyl.	Pyrochlore	Δ ti	Titanite
Δ ba.	Barite	Δ hem	Hematite	Δ pyrl	Pyrolusite	Δ Ti.	Titanium
Δ bs.	Beryl	Δ il	Ilmenite	▲ po	Pyrrhotite	Δ tour	Tourmaline
Δ Bi.	Bismuth	Δ Fe	Iron	Δ q	Quartz	Δ trap	Trap rock
▲ bn	Bornite	▲ IF.	Iron Formation	Δ qcv	Quartz carbonate vein	▲ W.	Tungsten
Δ bran.	Brannerite	Δ jas	Jasper	Δ ra.	Radioactive minerals	Δ uran	Uraninite
Δ bruc.	Brucite	Δ kaol	Kaolinite (kaolin)	Δ RE	Rare Earths	▲ U	Uranium
Δ Cd	Cadmium	Δ ky	Kyanite	Δ sd.	Sand	Δ verm.	Vermiculite
Δ calc.	Calcite	▲ Pb	Lead	Δ sgl	Sand and gravel	Δ Y	Yttrium
Δ carb	Carbonate	Δ lim	Limonite	Δ ss	Sandstone	Δ Zn	Zinc
Δ cel	Celestite	Δ Li	Lithium	Δ scap	Scapolite	Δ zr	Zircon
Δ cc.	Chalcocite	Δ mgst	Magnetite	▲ shee	Scheelite	▲ s.	sulfide mineral(s)
▲ cp.	Chalcopyrite	▲ mag	Magnetite	Δ serp	Serpentine	▲ W03.	Tungsten (assay)
Δ ch.	Chert	Δ mc	Malachite	Δ sh.	Shale		
Δ clay	Clay	Δ Mn	Manganese	Δ sid	Siderite		
Δ Co	Cobalt	Δ mb	Marble	Δ si	Silica		
Δ cob.	Cobaltite	Δ mar.	Marcasite	▲ Ag	Silver		
Δ cb.	Columbite	Δ ma	Marl	Δ sl	Slate		
▲ Cu	Copper	Δ mi	Mica	Δ sm	Smaltite		
Δ cor	Corundum	Δ ml	Millerite	Δ sod	Sodalite		
Δ dol	Dolomite	Δ mo	Molybdenite	Δ spec	Specularite		
Δ ep.	Epidote	Δ Mo	Molybdenum	Δ sp.	Sphalerite		
Δ ery	Erythrite	Δ mon	Monazite	Δ spd	Spodumene		
Δ fel	Feldspar	Δ ne.	Nephelite (nepheline)	Δ staur	Staurolite		
Δ fl	Fluorite (fluorspar)	Δ nc.	Niccolite	Δ stib.	Stibnite		

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or mentioned within either Drillhole Summary or Mineral Occurrences.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			
A	Anglo-Canadian Occurrence	S	SMDR 001633 MDI KPO032 NMI Au 1	OGS MRC 13, p. 245	ODM vol. 36 pt. 3, p. 83 ODM GR 47 p. 35 ODM Map 2097 ODM Map P.1026 Assessment Files, Kenora 52L/11NE, D-1 Assessment Files, Kenora 52L/11NE, D-1 Resident Geologist Report 1945
B	Bee Lake Gold Mines Occurrence (Mamen Group)	Au, W			
C	Carlson Group Occurrence	Au, gn, cp			
D	Dodds Group Occurrence	?			
E	Bee and Eden Lake Occurrence	IF (mag)	NMI Au 1	OGS MRC 11, p. 220	ODM GR 47, p. 31 ODM Map 2097 ODM GR 47, p. 9, 28, 35 ODM Map 2097 ODM Map P.1041
F	Honey Bee Gold Mines Occurrence	Au, po, py			
G	Jet Tungsten Prospect (Manigotagan River Prospect)	Au, W	SMDR 002124 MDI KPO223 NMI Au 6	OGS MRC 13, p. 245	ODM GR 47, p. 38 ODM Map 2097 Canadian Mines Handbook, 1946, p. 144 ODM GR 47, p. 35, 37 ODM Map 2097 OGS Map P. 1539
H	McKinnon Occurrence (Smith Group)	Au, W			
			SMDR 001635 MDI KPO030 NMI Au 4	MRC 13, p. 245	ODM GR 47, p. 28 ODM Map 2097 Assessment Files, Kenora 52L/11NE, D-1

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			
I	Minerals Finance Syndicate Occurrence	s			ODM AR vol. 36, pt. 3, p. 83
J	Newton Occurrence	IF (mag)			ODM AR vol. 36, pt. 3, p. 83
K	Ross Niessen Occurrence	Au, cp, py			Assessment Files, Kenora 52L/11 NE, D-1
L	Taylor Group - Anderson Lake Occurrence	Cu, Ni	MDI KP0226		ODM GR 47, p. 29 ODM Map 2097
M	Taylor, V. - Anderson Lake Occurrence	Ag, Pb	MDI KP0225 NMI Pb 1 NMI Cu 1		ODM GR 47, p. 30 ODM Map 2097
N	Taylor Group - Odd Lake Occurrence	py			ODM GR 47, p. 31 ODM Map 2097
O	Young, J. - East Showing Prospect	Cu, Ni, Au, Ag	MDI KP0033 SMDR 000520	MRC 12, p. 173	ODM GR 47, p. 31-33 ODM Map 2097
P	Young, J. - West Showing Occurrence	Ni, Cu	SMDR 000519 NMI Cu 2	MRC 12, p. 173	ODM GR 47, p. 29-30 ODM Map 2097
Q	Young, J. - Rickaby Lake Occurrence	Au	MDI KP0031 SMDR 001532 NMI Au 3	MRC 13, p. 245	ODM GR 47, p. 29-30 ODM Map 2097
R	Young Group - Anderson Lake Occurrence	Au, cp, asp, gn			Assessment Files, Kenora 52L/11 NE, J-1 ODM GR 47, p. 30 ODM Map 2097

GDIF FORM NO. 1

MINERAL OCCURRENCES				Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization				
S	Young Group - Anderson Lake Occurrence	Au				ODM GR 47, p. 30
T	Octopus Lake Occurrence	U				OGS Map P. 2427
U	Unnamed Occurrence	Au				Map P. 224
V	Unnamed Occurrence	s				ODM Map P. 1026
W	Unnamed Occurrence	s				ODM Map P. 1026

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KENORA	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
1.	Bee Lake Gold Mines (Mamen Group) 52L/11 NE; A-1	46		45		63														
2.	Bee Lake Area General File (Report by Resident Geologist Robert Thomson) on: 2a) Mamen Group 2b) Carlson Group 2c) Niessen Group 2d) Young Group 2e) McKinnon Group 52L/11 NE; D-1	63				63														
3.	Busch, David, J. (Bee Lake Syndicate) 52L/11 NE; L-1																			
4.	Busch, David, J. (Bee Lake Syndicate) 52L/11 NE; L-2	85		85		85														
5.	Busch, David, J. (Bee Lake Syndicate) 52L/11 NE; L-3			85																

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KENORA		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
COMPANY/AUTHOR (file number)																			
6.	Busch, David, J. (Bee Lake Syndicate) 52L/11 NE; L-4					86													
7.	Gamit Exploration Ltd. 52L/11 NE; C-1	74		74	74														
8.	Gamit Exploration Ltd. 52L/11 NE; C-2			74				74											
9.	Honey Bee Gold Mines 52L/11 NE; E-1	46		46	46														
10.	Jet Tungsten Co. Ltd. 52L/11 NE; F-1			?															
11.	Jet Tungsten Co. Ltd. 52L/11 NE; F-2			?	53	53													
12.	McKinnon Property 52L/11 NE; G-1	33		33		33													
13.	Miller, K. 52L/11 NE; H-1				72 73														
14.	Noranda Exploration Co. Ltd. 52L/11 NE; M-1	85	85			85													

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KENORA																			
COMPANY/AUTHOR (file number)																			
		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
15.	Rio Tinto Canadian Exploration Ltd. 52L/11 NE; K-1								81										
16.	Selco Mining Corp. Ltd. 52L/11 NE; I-1											72							
17.	Selco Mining Corp. Ltd. 52L/11 NE; I-2											72							
18.	Selco Mining Corp. Ltd. 52L/11 NE; I-3											72							
19.	Selco Mining Corp. Ltd. 52L/11 NE; I-4				73														
20.	Selco Mining Corp. Ltd. 52L/11 NE; I-5				73														
21.	Selco Mining Corp. Ltd. 52L/11 NE; I-6				74														
22.	Selco Mining Corp. Ltd. 52L/11 NE; I-7				74														
23.	Selco Mining Corp. Ltd. 52L/11 NE; I-8				74														

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KENORA	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
		24.	Selco Mining Corp. Ltd. 52L/11 NE; I-9				73												
25.	Selco Mining Corp. Ltd. 52L/11 NE; I-10				74														
26.	Selco Mining Corp. Ltd. 52L/11 NE; I-11				74														
27.	a) Young, J. and b) Taylor, V. Groups 52L/11 NE; J-1	50 61		50 63 61 67	50	50 61													
28.	Young, J. 52L/11 NE; J-5																		

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for
1.	Gamit Exploration Ltd.	1-74	July/74	S	-45°	9	152	po, cp, py	Cu, Ni, Ag, Au
1.	Gamit Exploration Ltd.	2-74	July/74	S	-45°	3	148	po, cp	Cu, Ni
2.	Gamit Exploration Ltd.	3-74	July/74	S	-45°	15	154	po, cp	Cu, Ni
2.	Gamit Exploration Ltd.	5-74	July/74	S	-60°	11	107	po, cp	Cu, Ni
2.	Gamit Exploration Ltd.	4-74	July/74	S	-45°	14	134	po, cp	Cu, Ni
3.	Gamit Exploration Ltd.	8-74	Aug./74	S	-45°	5	121	po, cp	Cu, Ni
3.	Gamit Exploration Ltd.	6-74	Aug./74	S	-45°	5	108	po	Cu, Ni
3.	Gamit Exploration Ltd.	7-74	Aug./74	S	-45°	15	112	none	
4.	Honey Bee Gold Mines ¹	DH-1	early 46						
5.	Honey Bee Gold Mines ¹	DH-2	early 46						
6.	Honey Bee Gold Mines ¹	DH-4	early 46						
7.	Honey Bee Gold Mines ¹	DH-3	early 46						
8.	Honey Bee Gold Mines ¹	DH-6	early 46						
9.	Honey Bee Gold Mines ¹	DH-21	early 46						
10.	Honey Bee Gold Mines ¹	DH-20	early 46						
11.	Honey Bee Gold Mines ¹	DH-19	early 46						
12.	Honey Bee Gold Mines ¹	DH-5	early 46						

¹Drill logs from #4 to #19 not available

GDIF FORM NO. 3

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
12.		Honey Bee Gold Mines ¹	DH-6	early 46						
12.		Honey Bee Gold Mines ¹	DH-7	early 46						
12.		Honey Bee Gold Mines ¹	DH-8	early 46						
13.		Honey Bee Gold Mines ¹	DH-12	early 46						
14.		Honey Bee Gold Mines ¹	DH-13	early 46						
15.		Honey Bee Gold Mines ¹	DH-14	early 46						
16.		Honey Bee Gold Mines ¹	DH-23	early 46						
17.		Honey Bee Gold Mines ¹	DH-11	early 46						
18.		Honey Bee Gold Mines ¹	DH-17	early 46						
19.		Honey Bee Gold Mines ¹	DH-22	early 46						
20.		Jet Tungsten Co. Ltd.	H-13	Oct./53	0°	-45°	2.0	68.0	py	
20.		Jet Tungsten Co. Ltd.	H-1	Oct./53	180°	-45°	3.5	88.5	shee	
20.		Jet Tungsten Co. Ltd.	H-2	Oct./53	180°	-45°	3.0	59.0	shee	
21.		Jet Tungsten Co. Ltd.	H-7	Oct./53	0°	-30°	0	85.2	py, shee	
21.		Jet Tungsten Co. Ltd.	H-8	Oct./53	N50°E	-30°	2.0	103.4	shee, py	Au
22.		Jet Tungsten Co. Ltd.	H-3	Oct./53	0°	-45°	5.0	92.0	shee, py	
22.		Jet Tungsten Co. Ltd.	H-4	Oct./53	0°	-45°	2.0	104.0	shee, py	WO ₃

¹Drill logs from #4 to #19 not available

GDIF FORM NO. 3

DRILLHOLE SUMMARY

DRILLHOLE SUMMARY										
Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for	
22.	Jet Tungsten Co. Ltd.	H-5	Oct/53	0°	-10°	2.5	63.2	shee, py	Au	
22.	Jet Tungsten Co. Ltd.	H-6	Oct/53	N35°W	-10°	0	66.5	shee, py		
23.	Jet Tungsten Co. Ltd.	H-9	Oct/53	180°	-45°	0	74.0	shee, py	WO ₃	
23.	Jet Tungsten Co. Ltd.	H-10	Oct/53	180°	-45°	2.0	74.5	shee, py	Au, WO ₃	
23.	Jet Tungsten Co. Ltd.	H-11	Oct/53	S25°W	-50°	1.0	71.5	shee	Au	
24.	Jet Tungsten Co. Ltd.	H-12	Oct/53	N15°E	-30°	2.0	71.5	shee, py	Au	
25.	Jet Tungsten Co. Ltd.	H-14	Oct/53	180°	-25°	2.5	81.0	py		
26.	Miller, K.	72-1	Sept/72	S17°E	-45°	0	100	py, cp, po	Cu, Ni	
27.	Miller, K.	2-73	Aug/73	180°	-45°	0	102	py, po, cp	Cu, Ni, Au	
27.	Miller, K.	3-73	Aug/73	S28°E	-45°	0	103	py, cp	Cu, Ni, Au	
28.	Selco Mining Corp. Ltd.	H-2	Nov/73	S10°W	-50°	0	353	po, py		
29.	Selco Mining Corp. Ltd.	H-1	Oct/73	S10°W	-50°	3.0	374	asp, po, py, cp		
30.	Selco Mining Corp. Ltd.	H-9	Mar/74	210°	-50°	9.0	253	po, py		
31.	Selco Mining Corp. Ltd.	H-6	Feb/74	N20°E	-50°	8.0	298	po, py		
32.	Selco Mining Corp. Ltd.	H-5	Feb/74	200°	-50°	5.0	346	py, po, cp		
33.	Selco Mining Corp. Ltd.	H-3	Dec/73	180°	-50°	7.0	250	py, po, cp		
34.	Selco Mining Corp. Ltd.	H-7	Feb/74	35°E	-50°	9.0	312	py, po		

GDIF FORM NO. 3

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
35.	Selco Mining Corp. Ltd.	H-8	Feb/74	180°	-50°	11.5	294	py, po		
36.	Young (Taylor) Group ²	H-3	1950							
37.	Young (Taylor) Group ²	H-2	1950							
38.	Young (Taylor) Group ²	H-1	1950							
39.	Young (Taylor) Group ²	H-4	1950							
40.	Young (Taylor, V) Group ²	H-5	1950							
41.	Young (Taylor, V) Group ²	H-6	1950							
42.	Young, J. (Taylor, V) Group ²	H-7	1950		-45°			142	gn, py	
43.	Young, J. (Taylor, V) Group ²	H-8	1950		-55°			124.4	po, cp	Cu, Ni
44.	Young, J. (for Taylor, V.) ²	No.1	1947		-45°			142	po, cp	Cu, Ni
44.	Young, J. (for Taylor V.) ²	No.2	1947							
² Drill Logs from #36 to #44 not available										

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
15.	By: Questor Surveys Ltd. For: Rio Tinto Canadian Exploration Ltd. 52L/11 NE; K-1	Magnetic	120m	N-S	200m

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
14.	Humus	Au	Noranda Exploration Co. Ltd. (Anderson Lake Group)	Assessment Files; 52L/11 NE; M-1

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

No age dating on file as of January 27, 1987

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

KENORA

No newspaper clippings on file as of January 27, 1987

ODM GENERAL INDEX SEARCH

Words searched: Anglo Canadian Mines, Anderson Lake, Bee Lake, Bee Lake Gold Mines, Busch D, Carlson E. Group, Eden Lake, Gamit Exploration, Honey Bee Gold Mines, Jet Tungsten, Mamen Group, McKinnon Group, Miller, K., Newton, W., Niessen, R. Group, Noranda Exploration Co. Ltd., Odd Lake, Rickaby Lake, Rio Tinto Canadian Exploration, Selco Mining Corp. Ltd., Taylor, V. Group, Young, J., Mineral Finance Syndicate, Rice Lake Series, Smith, B.B.

Index Volume	Listing:	Report Volume	Part	Page
II	Bee Lake North of Wingiskus Lake			
	Glaciated rocks, photo	32	2	22
	Poplar Bush, photo	32	2	39
	Silt	32	2	37
	Rickaby, H.C.			
	Report by, on part of Ontario-Manitoba boundary	32	2	49-59
III	Anglo-Canadian Gold Claims, Rickaby Lake Rocks	36	3	83
	Mineral Finance Syndicate	36	3	83
	Odd Lake, West of Rickaby Lake			
	Gold Claims	36	3	82
	Rocks	36	3	78
	Rice Lake Series			
	Rickaby Lake Schist Belt	36	3	80
	Rickaby Lake, South-West of Gammon River			
	Access	36	3	74
	Gold Claims	36	3	82-83
	Schist Belt, petrology	36	3	77-80
	Map	36	3	--
	Bee Lake, South-West of Gammon River			
	Access	36	3	74
	Mg. Claims on	36	3	73-83
	Rocks	36	3	78-80
	Rickaby Lake MG Syndicate Ltd.			
	Incorporated	47	1	52

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
IV	Bee Lake Gold Mines Ltd. Incorporated	46	1	55
	Honey Bee Gold Mines Ltd. Incorporated	46	1	56
V	Honey Bee Gold Mines Ltd. Name changed	61	1	48
VII	Anderson Lake Bee Lake Area, Kenora-Patricia District	GR47		4-31
	Bee Lake Area, Kenora-Patricia District Geology of the area Report and Map 2097 on 1967	GR47		
	Bee Lake Mines Ltd. Bee Lake area, Kenora-Patricia District Report on Mamen Group	GR47		34
	Honey Bee Mines Group Ltd. Bee Lake area, Kenora-Patricia District Mining property	GR47		38
	Jet Tungsten Property Bee Lake area, Kenora-Patricia District Mining property	GR47		35
	Smith, B. B. Bee Lake Kenora-Patricia District Minina property	GR47		28
	Odd Lake Bee Lake Kenora-Patricia District	GR47		6,14,18 27,29, 31,38

SELECTED REFERENCES			Reference	Map Scale and/or Report Pages
Author	Date	Title		
		<u>REGIONAL COMPILATION MAPS</u>		
Jost, M.	1975	Nickel Deposits of Ontario, West Central Sheet, District of Kenora (Patricia Portion), Thunder Bay, Algoma, and Cochrane. Mineral Deposit Series.	OGS Map P. 1061	1" to 16 miles (1:1,013,760)
Ferguson, S.A., Brown, D.D. Davies, J.C., Pryslak, A.P.	1968	Red Lake - Birch Lake Sheet, Kenora District. Geological Compilation Series.	UDM Map 2175	1" to 4 miles (1:253,440)
Gordon, J.B.	1977	Gold Deposits of Ontario, West Central Sheet, District of Kenora (Patricia Portion), Thunder Bay, Algoma, and Cochrane. Mineral Deposits Series.	OGS Map P. 1227	1" to 16 miles (1:1,013,760)
Meyn, H.D., Robertson, J.A.	1975	Iron Deposits of Ontario, West Central Sheet, District of Kenora (Patricia Portion), Thunder Bay, Algoma, and Cochrane. Mineral Deposits Series.	OGS Map P. 1041	1" to 16 miles (1:1,013,760)
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, West Central Sheet, Kenora (Patricia Portion), Thunder Bay, Alsona, and Cochrane Districts.	OGS Map P. 2427	1" to 16 miles (1:1,013,760)

GDIF FORM NO. 9

SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
		<u>Geophysical Maps</u>		
Geo-Analysis (1981) Ltd.	1981	The Identification of Structural Linears from Landsat Imagery in Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada.	OF 82-12 (Image 3125 Map 1)	1:250,000
M.D.M.N.R.-O.D.M. -G.S.C.	1965	Flintstone Lake Manitoba - Ontario Sheet 52L/11 Aeromagnetic Series.	Geophysics Paper 4047	1" to 1 mile (1:63,360)
O.G.S. - G.S.C.	1977	Airborne Gamma - Ray Spectrometry Survey, Point Du Bois Sheet, Patricia Kenora. Geophysical Series.	Prelim. Maps P.1320 to P.1354	1" to 4 miles (1:253,440)
G.S.C.	1984	Airborne Gamma Ray Spectrometric Maps, Lake of the Woods, Manitoba-Ontario (36252G)	GSC Open File 1067	1:1,000,000
Environment Canada	1975	<u>Surficial, Pleistocene, Terrain Engineering</u> Pointe Du Bois 52L. Soil Capability for Agriculture Lands Directorate	52-L	1:250,000
Zoltai, S.C.	1965	Surficial Geology, Kenora-Rainy River. Ontario Department of Lands and Forests	Map S 165	1" to 8 miles (1:506,880)
Springer, J.S., Robertson, J.A., Vos, M.A.	1981	<u>Mineral Potential Maps</u> Mineral Potential Map of Ontario, West Central Sheet. Accompanied by one overlay	O.G.S. OFR 5326	1" to 16 miles (1:1,013,760)
Springer, J.S.	1978	Ontario Mineral Potential, Point Du Bois Sheet, District of Kenora (Patricia Portion) Mineral Deposits Series Compilation 1977, 1978.	O.G.S. Map P. 1539	1:250,000

Author	Date	SELECTED REFERENCES		Reference	Map Scale and/or Report Pages
		Title			
		GEOLOGICAL REPORTS AND MAPS			
Breaks, F.W.	1975	Marginal Notes for Operation Kenora - Sydney Lake; Preliminary Maps P. 1026 - P. 1031		ODM Map P. 1026	17 pages
Breaks, F.W., Bond, W.D., McWilliams, G.H., Gower, G.F., Stone, D.	1975	Operation Kenora - Sydney Lake, Eagle - Sydney Lake Sheet, District of Kenora			1" to 1 mile (1:63,360)
Burwash, E.M.	1921	Geology of Ontario - Manitoba Boundary, Winnipeg River to Bloodvein River. Accompanied by Map 32A.		ODM AR Vol. 32 pt. 2, p. 1 - 48	1" to 2 miles (1:126,720)
Davies, J.C., Pryslak, A.P.	1966	Lower English River Sheet. District of Kenora Geological Compilation Series.		ODM Map P. 366	1" to 2 miles (1:126,720)
Ferguson, S.A., Groen, H.A. Haynes, R.	1971	Gold Deposits of Ontario: Part 1, District of Algoma, Cochrane, Kenora, Rainy River, and Thunder Bay; Ontario Division of Mines, MRC 13. (Reprinted 1973).		ODM MRC 13	315 pages
Gilbert, G.	1926	Gammon River Area and Rickaby Lake Schist Belt, District of Kenora (Patricia Portion). Accompanied by Map 36G.		ODM AR Vol. 36 pt. 3, p. 73-84	1" to 4 miles (1:253,440)
Shklanka, R.	1964	Bee Lake Area, West Part, District of Kenora (Patricia Portion), Ontario.		ODM Map P. 224	1" to 4 miles (1:253,440)
Shklanka, R.	1967	Geology of Bee Lake Area, District of Kenora. Accompanied by Map 2097.		ODM GR 47	1" to 1/2 mile (1:31,680) 42 pages
Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario; Mineral Resources Circular No. 12: Ontario Department of Mines.		ODM MRC 12	393 pages

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
Pollock, Gerald D.	1960	<u>THESES</u> Age Determination of Granitic Rocks from Manitoba and Northwestern Ontario by the Lead - Alpha Method; M.Sc. Thesis, University of Manitoba.			45 pages
	1981	The Sydney Lake Fault Zone in Ontario and Manitoba, Canada; Ph.D. Thesis, University of Toronto.			133 pages

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

1983

(Scale 1" to 4 miles)

Roll	Line	Photo Numbers
8	5031	115 - 122
9	5030	3 - 11
9	5029	121 - 129
12	5028	2 - 10
12	5027	82 - 90
15	5026	52 - 60

1951

(Scale 1" to 4 miles)

21	5033	194 - 201*
21	5032	73 - 80*
20	5031	171 - 180*
20	5030	58 - 65*
19	5929	120 - 128*
19	5028	23 - 30*

1953

(Scale 1" to 1 mile) EMR

A 13877	25 - 23*
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* Photographs on file in Resident Geologist's Office, Kenora

TOPOGRAPHIC MAPS

National Topographic System

52L/11 Flintstone Lake Sheet (1:50,000)+

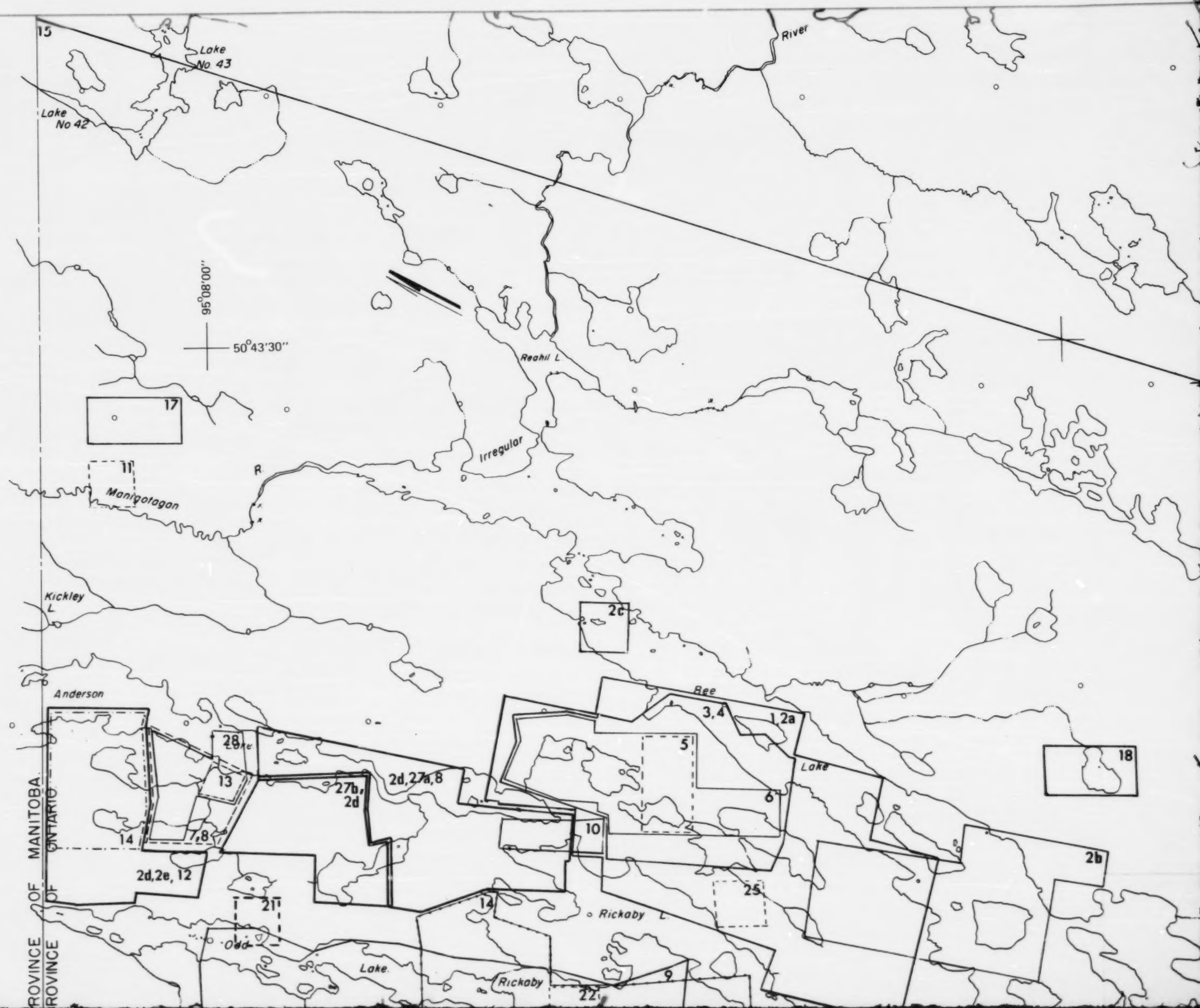
+ Published maps currently available

NOTES AND ADDENDA

Mineral Deposits File

Note: A deposit file is maintained at the Kenora Resident Geologist's Office, which contains the published data on the following mineral deposits:

1. Anglo-Canadian Occurrence
2. Bee Lake Gold Mines Occurrence
3. Carlson Group Occurrence
4. Dodds Group Occurrence
5. Bee and Eden Lake Occurrence
6. Honey Bee Gold Mines Occurrence
7. Jet Tungsten Prospect
8. Mineral Finance Syndicate Occurrence
9. Newton Occurrence
10. Ross Niessen Occurrence
11. Taylor Group (Anderson Lake) Occurrence
12. Taylor Group (Odd Lake) Occurrence
13. Young J. (East Showing) Prospect
14. Young J. (West Showing) Occurrence
15. Young J. (Rickaby Lake) Occurrence





Ministry of
Northern Development
and Mines

Mines and
Minerals
Division

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

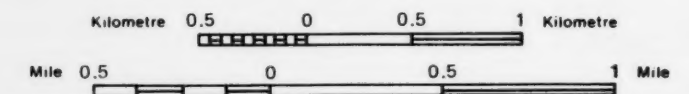
GEOLOGICAL DATA INVENTORY FOLIO 391

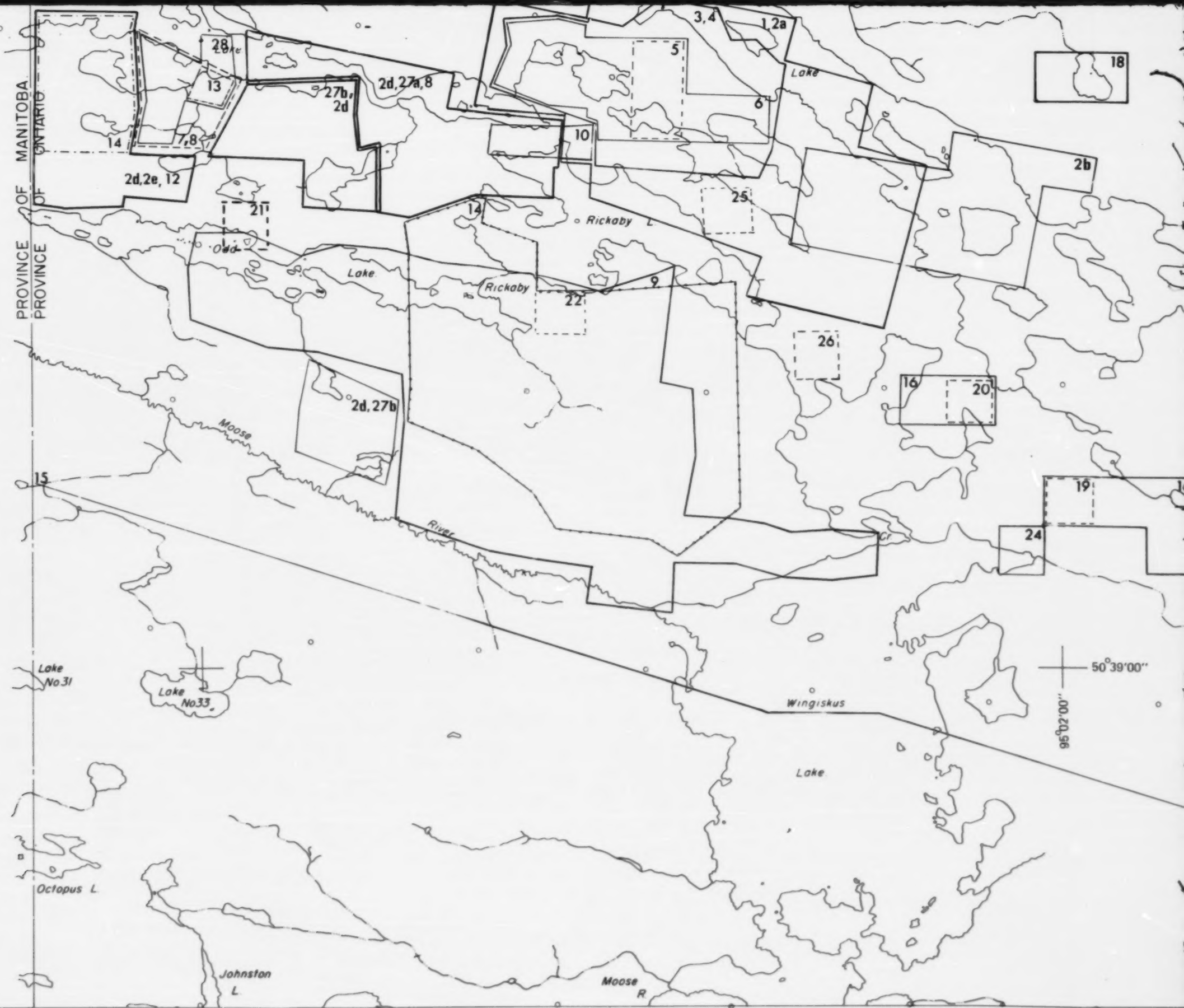
(Map 1 of 2)

RICKABY LAKE AREA

DISTRICT OF KENORA

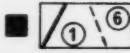
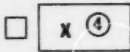
Scale 1:31 680





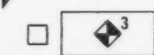
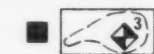
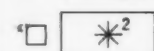


EXPLORATION DATA FILE AREAS

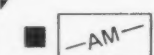
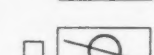
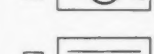
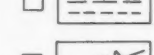
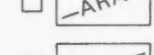
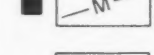
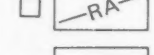
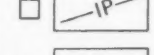
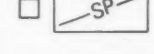
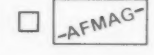
- 
Reference number is always inside work area outlined.
See listing in text pages.
- 
Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

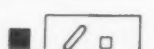
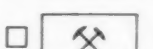
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

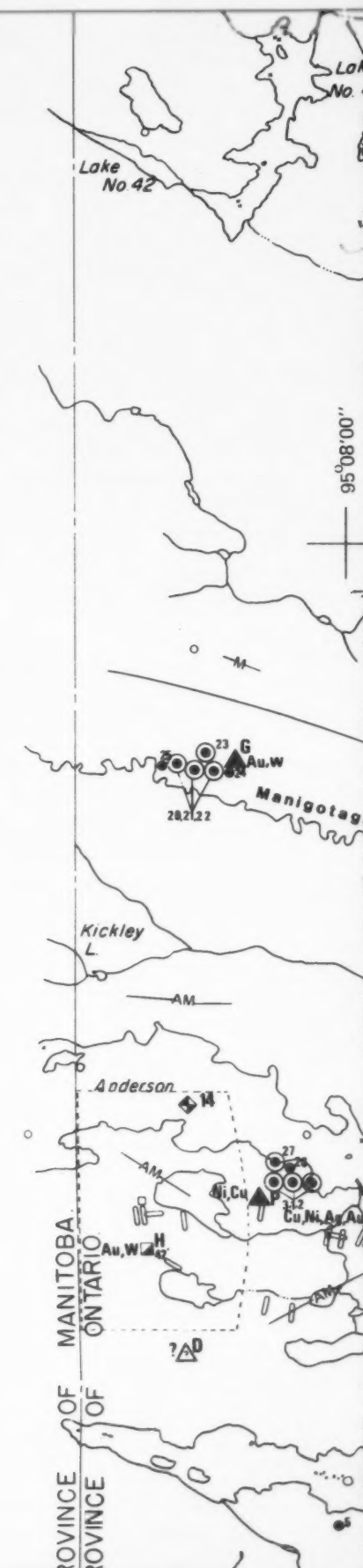
-  Geochemical sample site, with reference number
-  Area of geochemical sampling, with reference number
-  Age dating material sampling site, with reference number

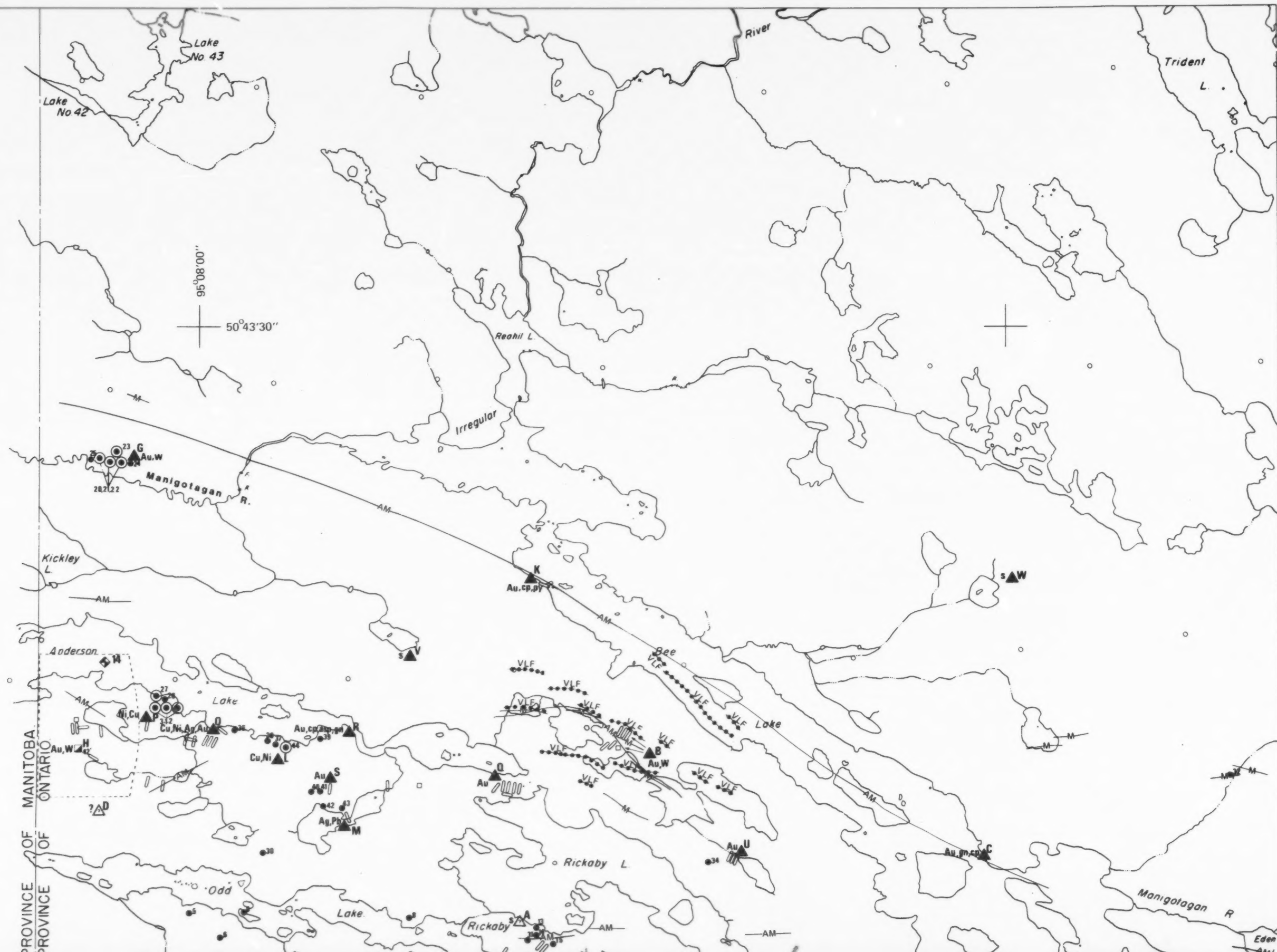
GEOPHYSICAL ANOMALIES

-  Airborne magnetic anomaly
-  Airborne electromagnetic anomaly
Length of anomaly along flight line
-  Airborne electromagnetic anomaly
Location of anomaly along flight line
-  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
-  Airborne radiometric anomaly
-  Ground magnetic anomaly
-  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop;
VLF - Very low freq; Turam; JEM -
Crone Em - 16)
-  Ground radiometric anomaly
-  Induced polarization anomaly
-  Self potential anomaly
-  Audio-frequency magnetic anomaly
(total intensity)
-  Resistivity anomaly
-  Gravity anomaly

MISCELLANEOUS DATA

-  Trenching, pit
-  Rock quarry





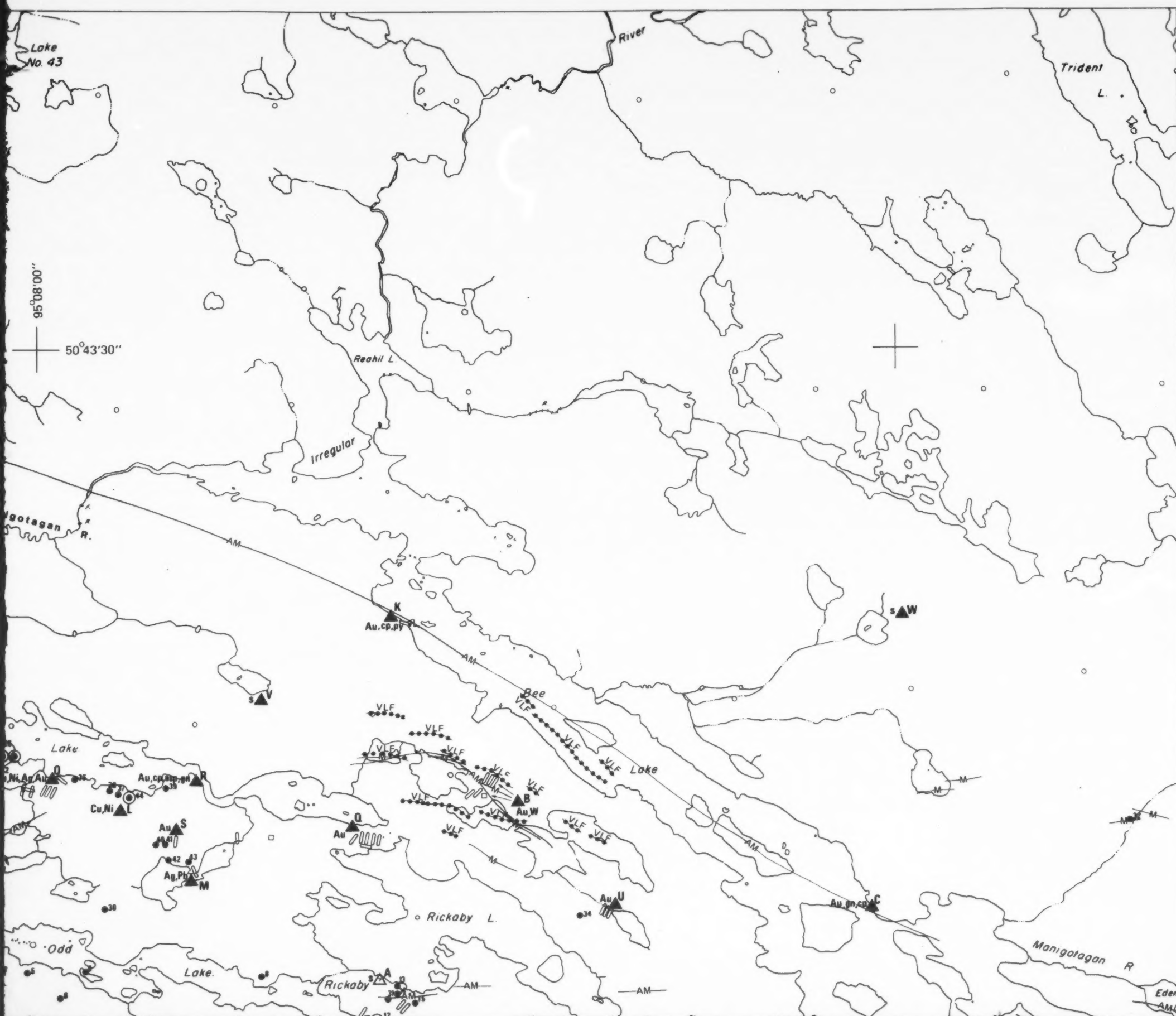
GE

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Mile 0.5

TYPES





Ministry of
Northern Development
and Mines

Mines and
Minerals
Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

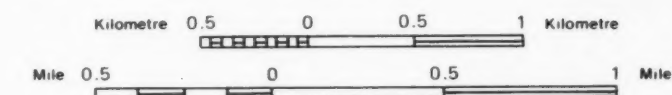
GEOLOGICAL DATA INVENTORY FOLIO 391

(Map 2 of 2)

RICKABY LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number

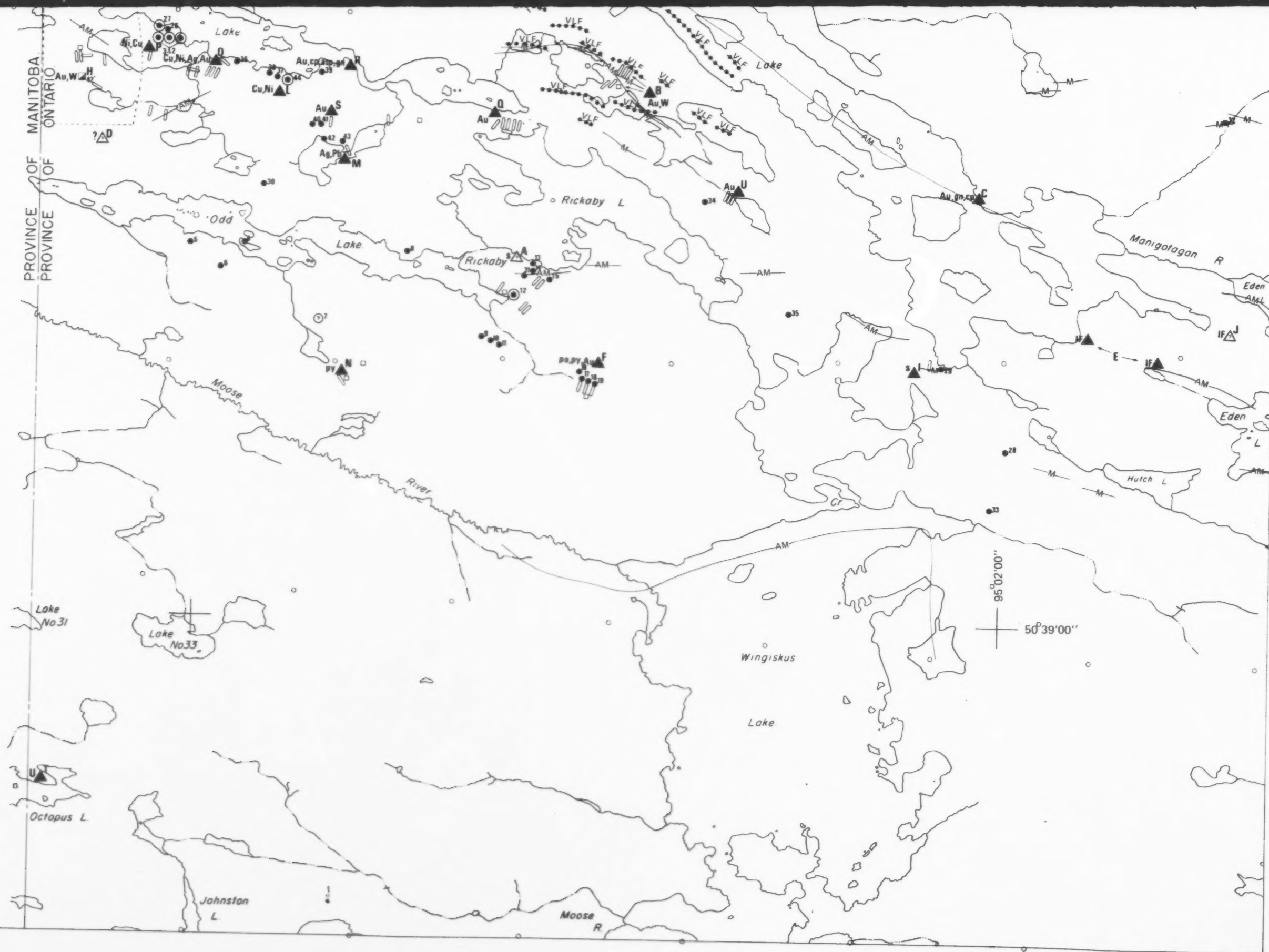
- ☐  Audio-frequency magnetic anomaly (total intensity)
- ☐  Resistivity anomaly
- ☐  Gravity anomaly

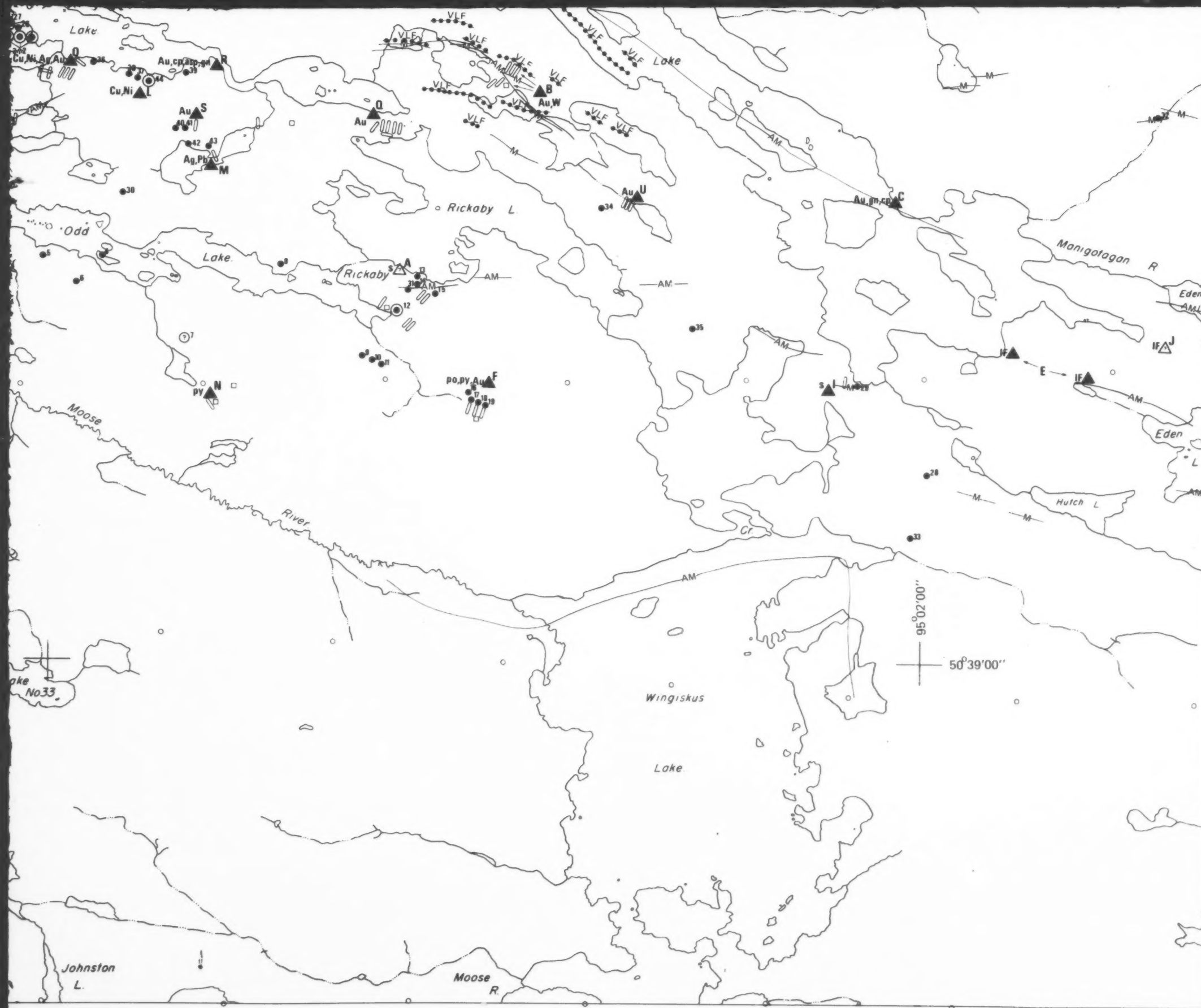
MISCELLANEOUS DATA

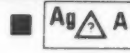
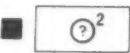
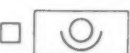
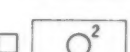
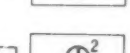
- | | | | |
|--|----------------|---|------------------------|
| ☐  | Trenching, pit | ☐  | Rock quarry |
| ☐  | Adit | ☐  | Sand and/or gravel pit |
| ☐  | Open pit | | |

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.







-  Mineral occurrence reported but exact location uncertain, with reference letter
 Mineralized float with reference letter
- DRILLHOLE**
-  Location of single drillhole, with reference number
 Location of closely spaced group of drillholes, with reference number
 Drillhole, exact location uncertain, with reference number
 Property with underground drillholes in this general area, with reference number
 Property with drillholes which have not been plotted on map, with reference number
 Reverse circulation drillhole; churn drilling, with reference number